# CENTRAL CAROLINA TECHNICAL COLLEGE CareerFocus FAIL 2021



5 Myths about Community and Technical Colleges







**Recession-Proof Career Paths** 

### **A Healthcare Career** with Regular Hours?

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#### **Our Vision:**

Central Carolina Technical College will be the first choice for accessible, affordable, and relevant higher education, provided in an innovative, student-centered learning environment.

#### **Our Mission:**

Central Carolina Technical College improves lives through excellence in teaching, learning and economic enhancement through workforce development.

Central Carolina Technical College does not discriminate in employment or admissions on the basis of race, color, national origin, sex, gender identity, sexual orientation, genetic information, age, religion, pregnancy, childbirth, or related medical conditions, including but not limited to, lactation, disability, or any other protected class.

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## CareerFocus















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## 5 Myths ABOUT Community and Technical Colleges

#### **MYTH #1**

## A degree from a community college isn't as good as a university degree.

alse! A degree from your community college in many cases is a step directly into the job market. Central Carolina Technical College has more than 50 programs that lead to a degree or certificate in two years or less and prepare students to enter the workforce. It means a career with responsibilities and chances for promotion and personal growth. A degree from Central Carolina may also mean transferring to the university of your choice and graduating with a baccalaureate degree, which can open up a host of possibilities. Remember, attending a community college for two years gives you two years to save money, and that could give you the opportunity to attend a university without getting into tons of student loan debt. Community colleges want you to go someplace else—after us! That's the community college difference.

#### MYTH #2

## The people who go to a community college are the ones who can't get in anywhere else.

Wrong! All sorts of people go to community colleges. In fact, we are the first choice of many area high school seniors and often frequented by people with high levels of educational completion. We offer a

variety of courses in healthcare, business, computers, liberal arts and humanities; as well as honors programs, convenient scheduling, and a vibrant student life to give you the ideal college experience. We also have better records than a lot of four-year schools on the licensing exam for registered nurses. In fact, U.S. News and World Report reported that community college graduates perform better academically than those who go directly to a four year university.

#### **MYTH #3**

## Faculty at community colleges aren't the same as faculty in baccalaureate institutions.

This may not be a myth, after all. We don't have any lecture halls that seat 500 and we don't have any graduate assistants. We educate you differently than large universities. We offer faculty who will meet with you before and after class just to make sure you're learning. Faculty who are current and up-to-date with what they are teaching, who have masters' and Ph.D. degrees related to what they love to do: teach. You'll be taught by faculty members who care about you and value your education. We don't think you get "just as good" an education at a community college as you get elsewhere—we think you get a hetter one

#### **MYTH #4**

#### The course credits don't transfer.

Bunk! Our course credits transfer. That's how they are designed. In educational

jargon, there is an 'articulation agreement' between the institutions—equivalent courses must cover the same material with the same depth. In fact, we have articulation agreements with both public and private colleges and universities that will take your associate degree credits from us with no strings attached. If you follow one of our many transfer credit programs, you'll be able to transfer your courses to any South Carolina public institution, and many private ones, too. Our academic advisors have course lists from many fouryear institutions in South Carolina to help you plan your class schedule with the classes that will transfer to the school of your choice for the program you want to study. Simply allow our academic advisors to help you select the best courses and programs.

#### **MYTH #5**

## Community colleges are cheap, so it must be low quality. You get what you pay for.

Did you know that Americans now owe over \$1.6 trillion in student loan debt? In South Carolina, the average student owes \$25,218. There's a difference between "cheap" and "affordable," and in fact, you don't always pay for what you get. Central Carolina Technical College is supported with money from four main sources: your tuition and fees, allocations from the state of South Carolina, property taxes and grants. If you paid the "full cost" (or, what public state and private institutions charge) of what this quality education is worth, you would pay thousands more per year.

## Remember The Truth...

Central Carolina Technical College wants you to succeed. We will do our best to help you achieve your education and career goals, so upon graduation you are immediately employable or ready for the university of your choice.

Why should you choose Central Carolina? Here are the facts.

Is the four-year university college "experience" worth the price tag? Save your money and then go to a university to earn a bachelor's degree. We can help prepare you to be a better student for the school of your choice. You also have the opportunity to work on your grade point average (GPA).

Thousands of community college students transfer each year to the universities of their choice. Remember, a good GPA from CCTC is a much better credential than any high school rank or ACT score. After all, the best indicator of college ability is a successful college record.

Have fun, meet new people and become involved in the community at Central. Our campus is packed with student activities and clubs and there are school and organization sponsored events taking place frequently to keep you busy.

Half the college students in America change schools before they graduate, and transferring from one university to another can not only cost you credits, but money as well. Leave yourself some options. Get your hands on state-of-the-art technology and one-on-one instruction without having to compete with thousands of other students.

# From Central Carolina, you'll be ready to transfer anywhere.

#### Dr. Kevin Pollock Named 9th President

After a nationwide search, the Central Carolina Technical College Area Commission chose Dr. Kevin Pollock as the next leader of Central Carolina Technical College.

"It is my honor to accept the position of president at Central Carolina Technical College," Pollock said. "I look forward to working with the area commission, faculty and staff, to move the college forward and to greater heights in the coming years." Pollock replaced Interim President Terry Booth who returned to her position as vice president for business affairs.

Pollock was formerly a Senior Consultant at the American Association of Collegiate

Registrars and Admissions Officers (AACRAO) and served as president at Montgomery County Community College in Blue Bell, Pennsylvania.

With more than 38 years of experience in education, Pollock has held high-level positions at various community and four-year colleges. He is an expert on student success models, a frequent speaker at conferences and colleges across the nation and is the author of more than 20 book chapters and articles.

Since his start at CCTC in January, Pollock has spent time getting to know the community, meeting business leaders and familiarizing himself with faculty and staff. His short term goals include a review of programs, divisions and enrollment efforts at the college.

Pollock holds a doctorate in Higher, Adult and Lifelong Education from

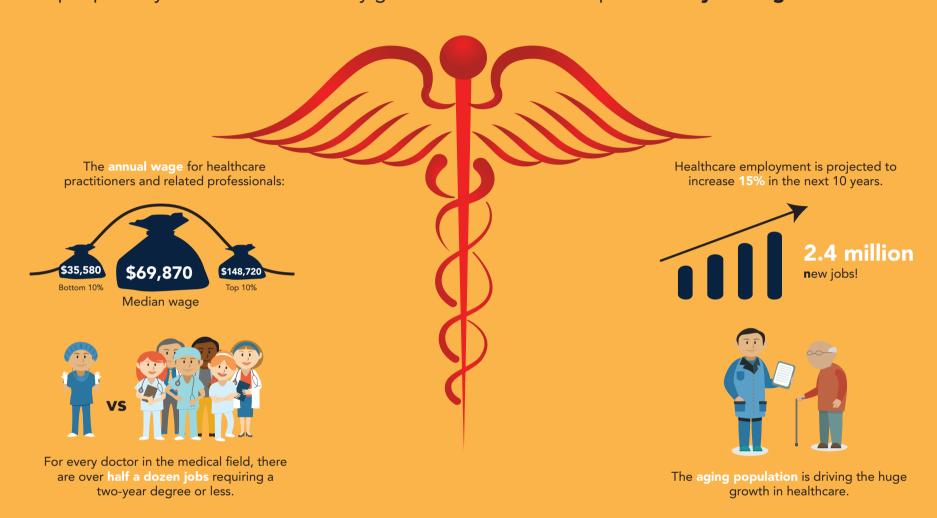
Michigan State University and a Master of Arts in Education and Bachelor of Science in Education from Central Michigan University.



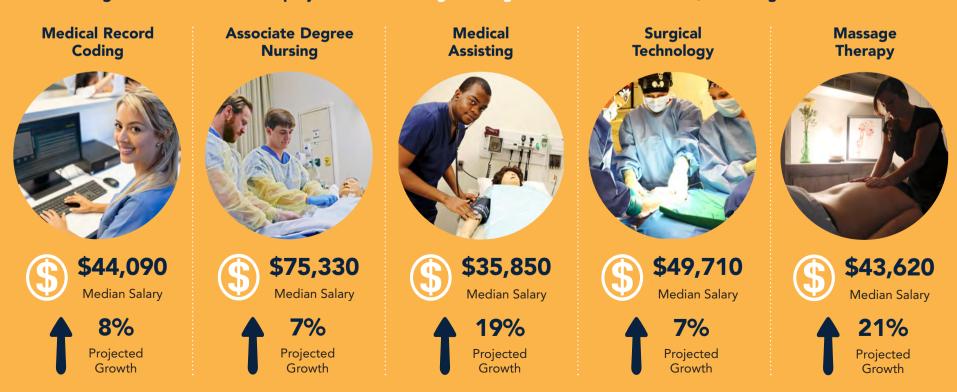
## Passion for Helping Others

Consider a Career in Healthcare

Everyone knows that the medical field can be both financially and personally rewarding. What most people may not know is how many great medical careers require a two-year degree or less.



#### The following healthcare careers are projected to see the greatest growth in the next decade, according to national labor data:



Job growth and salary information based on national data collected by the U.S. Bureau of Labor Statistics, 2021.

# A Healthcare Career with Regular Hours?



#### Exploring careers in Medical Assisting and Medical Record Coding

re you interested in a career in healthcare? Realize your full potential working in a medical office. With the number of healthcare procedures increasing as the population ages, there is a very high demand for skilled specialists in medical assisting and medical coding. More and more, the unique skills of medical office professionals are an important contribution to the delivery of quality care. The Bureau of Labor Statistics projects that, over the next 20 to 30 years, these careers will remain in high demand.

#### So, what's the scoop?

Basically, the healthcare office environment is divided into two distinct areas:

**"Front office"** personnel work with patient records, insurance medical coding and billing, computerized accounting, patient databases, transcription of dictated notes, among other activities.

"Back office" personnel are the clinical care providers including physicians, physician's assistants and advanced nursing personnel. Clinical care providers are assisted primarily with medical assistants and a variety of other support personnel.

Medical assisting is a versatile, in-demand healthcare career where you interact with patients and positively affect the lives of other people. Medical assisting can be a stepping-stone to many other healthcare professions.

Medical coders and billers are investigators, hunting down patients' diagnoses, the reasons why the patient required care, as

well as identifying the specific procedures, services and treatments provided. Medical billing and coding technology are evolving at such a rapid rate, these professionals require excellent training.

Central Carolina offers an array of programs to prepare you for a medical office career," says Dr. Vicki Martin, dean of the college of nursing and health sciences. "The demand for trained medical office support is growing. These jobs usually offer regular hours-something that is rare in the healthcare field," says Martin.

#### What does a medical assistant do?

The main role of a medical assistant is to keep the medical office running smoothly by performing delegated clinical and administrative tasks. The specific duties vary depending on the location and the size of office. Some administrative duties may include handling correspondence, greeting patients and filling out their medical records, as well as scheduling appointments and completing referrals to other providers. Clinical duties can include preparing an examination room with the proper supplies, taking a patient's medical history, checking vital signs (blood pressure, temperature, height and weight) and other medical tasks such as drawing blood, administering injections and processing select laboratory tests.

#### Skills, learning and employment opportunities:

Most employers are interested in seeing medical assistant training on your résumé, and strong organizational skills are needed. CCTC's Medical Assistant program prepares you to take a national certification examination at the program's completion. While certification is not required for medical assistants, it will boost your chances for employment if you are formally prepared. In CCTC's program, topics you will study include: anatomy and physiology; electronic medical record keeping; medical terminology; medical office administrative and management skills. You will also learn about medical office laboratory techniques, diagnostic procedures, pathophysiology and pharmacology.

With appropriate training, there is greater opportunity in finding employment in a physician's office or hospital, clinical laboratories, nursing homes and in the offices of other health practitioners such as chiropractors and podiatrists. In larger offices, there may be opportunities for advancement into administrative management positions as well.

The medical assisting career is projected to grow 19 percent (must faster than average) in the Bureau of Labor Statistic's Job Outlook 2019-2029. The earning potential of a medical assistant can range from \$23,350 to \$41,430 per year for full-time employment in South Carolina.

#### What does a medical record coder do?

Procedurally, the primary role of a medical record coder is medical record management with an emphasis on procedural and diagnostic coding for reimbursement of professional services provided in all types of healthcare facilities. Medical record coders ensure accurate documentation of a patient's care. This is a critical responsibility in healthcare as a patient's medical history is important for consistent ongoing healthcare.

#### Skills, learning and employment opportunities:

Medical record coders must be detail oriented, have the ability to work well with numbers, and be comfortable working with computers and various types of medical coding and billing software programs. Although much of the job entails administrative tasks such as reviewing and interpreting medical documentation, as well as processing and submitting medical claims, some

interpersonal skills are also necessary. Medical record coders may be required to obtain additional information from a physician or other medical provider or may need to contact insurance companies regarding questions about claims.

CCTC's Medical Record Coding Certificate program will help you learn about all aspects of medical records and its importance within any healthcare system. Correct interpretation of a physician's notes is critical to the on-going process of caring for each patient in addition to ensuring proper reimbursement for services. Therefore, beyond administrative training, learning will include knowledge in the subjects of anatomy, medical terminology and human physiology.

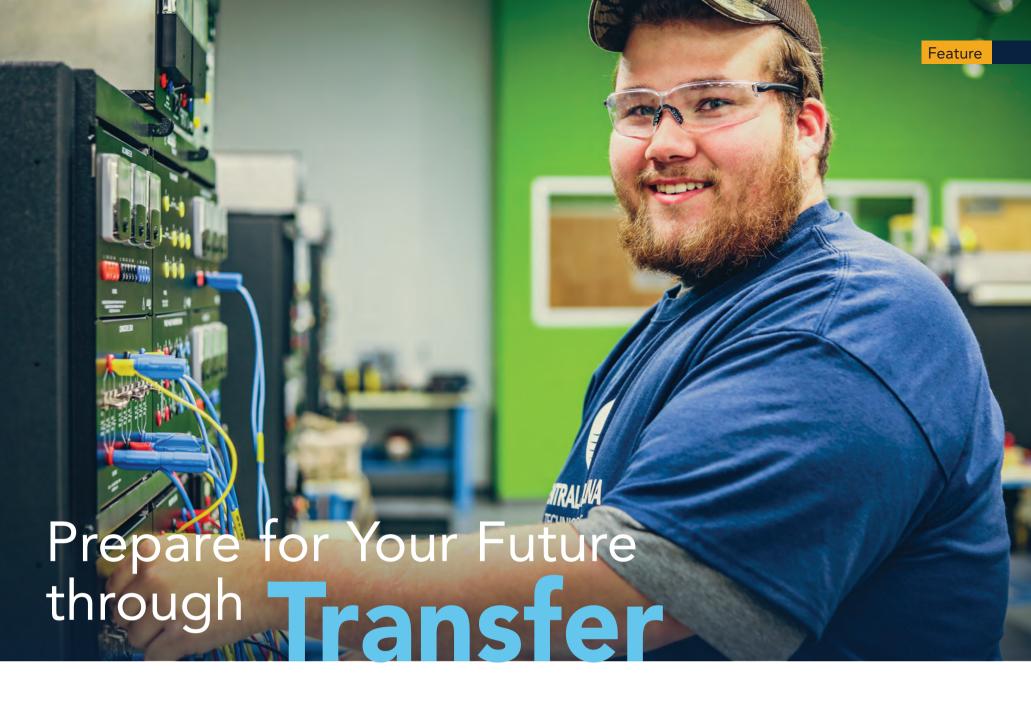
From an employment perspective, medical record coding positions are needed in every hospital, medical clinic, physician's office, nursing home, and home care agency. Health insurance companies, workers' compensation organizations, personal injury law offices, and fraud investigative agencies also hire trained medical coders, either on a contract basis or as a full-time staff member. In hospitals and large agencies where more than one person is required for medical coding, there may be potential for advancement into supervisory or management positions.

Central Carolina also offers an Inpatient Medical Coding Certificate completely ONLINE. This program is designed to be taken after the successful completion of the Medical Record Coding Certificate or previous employment as a medical coder. Inpatient Medical Coding prepares health information professionals by focusing on procedural and diagnostic coding for reimbursement of professional services performed in inpatient facility settings.

The medical record coding career is projected to grow 8 percent (much faster than average) in the Bureau of Labor Statistic's Job Outlook 2019-2029. The earning potential of a medical record coder can range from \$26,360 to \$63,020 per year for full-time employment in South Carolina.

Contact Admissions for more information at 803.778.6605 or admissions@cctech.edu





he cost of a four-year degree and student debt loads have risen relentlessly in the last decade. That's why so many students choose to attend community college as an affordable alternative to a four-year institution.

But education at a community college doesn't have to end in a two-year degree. In fact, credit earned at a community college can often be transferred to a four-year school and counted toward a bachelor's degree.

#### **Avoid debt**

Education is an investment worth making, but student loan debts can be a huge burden. On average, a 2015 college graduate is shouldering a whopping \$35,000



in debt, according to financial aid website Edvisors.com.

Starting at a community college can knock tens of thousands of dollars off the eventual bill for a bachelor's degree. At Central Carolina, the cost of two years (60 credit hours) is \$11,640. Compare that to

\$24,576 for two years at the University of South Carolina (not including fees and room and board). And private university costs are higher still.

Besides saving money in tuition costs, most Central students qualify for federal and state grants, which — unlike loans — do not need to be paid back.

For more information on financial aid, such as grants and scholarships, visit www.cctech.edu/financial-aid.

#### Experience counts

A transfer plan means completing general education



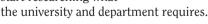
requirements at Central and deciding what major is right for you. Not only will you save money, you will have access to attentive faculty and will benefit from small class sizes and a supportive learning environment.

Maybe you have your eye on a degree from a university where your high school GPA or entrance exam scores kept you from applying. By starting at a community college, you can improve your academic qualifications.

Universities consider admissions for transfer students based more on the work they put in to previous college courses than on high school grades. Getting involved in extracurricular activities like student government and clubs can also improve your transfer prospects.

#### Plan ahead

The key to a successful transfer is planning. If you know where you'd like to transfer for a bachelor's program, start researching what



Central Carolina has articulation agreements with many public and private

South Carolina colleges and universities in a range of programs. That means credits earned in your first two years will count toward a degree.

What if you don't already know what you want to do? Taking the basic classes first will ensure that you don't waste time and money while discovering your interests. The majority of general education credits are guaranteed to transfer to South Carolina universities.

An academic advisor can help you work out a course schedule and stay on track, as well as help you explore program options. We are here to help!

Contact Admissions for more information at 803.778.6605 or admissions@cctech.edu.

## At Central Carolina, the cost of two years (60 credit hours) is \$11,640.

Compare that to \$24,576 for two years at the University of South Carolina (not including fees and room and board).

## A Career in Human Services Helps You Help Others

o vou want a career that focuses on helping people and making their lives better? If so, then Human Services is the field for you! Our program, which is accredited by the Council for Standards in Human Services Education (CSHSE), prepares you for an entry-level position in a variety of human service agencies. Our emphasis of study is on development of knowledge, skills and attitudes relevant to human services.

**CCTC Human Services** programs offers an Associate of Applied Science in Human Services degree, a Human Services Certificate and a Gerontology Certificate. Students can focus their studies to an area of special interest through field placements, which are opportunities for field work experience at various approved agencies in the local area. As a graduate, you could work in positions in mental

health, family services, social services, rehabilitation, corrections and nonprofit agencies.

With a degree in Human Services, you can become an advocate, youth worker, mental health aide or case manager. You may choose to go

> on to a four-year school for further education in social work, human services or psychology. Some students find themselves drawn to this field immediately while others find the career first and come back to educate themselves. Either way, the call to help others can lead to a very fulfilling career.

#### Making positive changes in people's lives

The Human Services Program at CCTC also teaches students how to apply professional helping methods in a broad range of settings including social services agencies, healthcare agencies,

mental health facilities and more. With this degree, students will develop leadership and interactional skills to better support the people in their local community.

While in the program, students learn about human behavior and systems. They learn how psychology and social forces influence each other and impact people. They also learn ways to help people meet their physical, mental, and emotional needs. Through the Human Services curriculum, students develop skills in critical thinking, communication and problem-solving.

#### **Great career prospects**

The U.S. Bureau of Labor Statistics predicts social work and human service positions to be among the most rapidly growing employment opportunities increasing by 13% through 2029.

**Contact Human Services Department Chair Lisa Nelligan** at 803.778.7823 or nelliganet@cctech.edu.





#### 100% Online **Programs at CCTC**

**Associate in Arts Degree** 

Associate in Science Degree

#### Accounting

- Associate Degree in Accounting
- **Accounting Specialist Certificate**

#### **Administrative Office Technology**

Microsoft Office Applications Specialist Certificate

#### **Computer Science**

Cybersecurity Certificate

#### **Management**

- Associate Degree in Management
- Entrepreneurship/Small Business
- **Human Resources Specialist** Certificate
- Logistics and Supply Chain Management Certificate
- Office Management Certificate
- Supervision and Leadership **Foundations Certificate**

#### **Environmental Engineering Technology**

- Associate Degree in Environmental **Engineering Technology**
- Environmental, Health and Safety Certificate

#### Water & Wastewater Operator

- Water Operator Certificate
- Wastewater Operator Certificate

#### **Medical Record Coding**

- Medical Record Coding Certificate
- **Inpatient Medical Coding Certificate**

\*Developmental courses are not offered online. Student must place or test into English 101, Math 101/155, Computer Technology 101 and have exempted reading through ACT, SAT, CCTC placement exam or a final high school transcript with a Grade Point Average (GPA) of 3.0 or higher SC UGP GPA (weighted GPA) with completion of required courses with C or better.



#### Student Success: From CCTC to NASA

For **Solonda Wesley**, following the crowd was never the option. She always wanted to stand out, and with her current internship with NASA, she can do just that.

Wesley is currently a Computer and Information Technology student at Central Carolina Technical College and an intern with NASA, where she is working with the Exploration Technology Office (ETO). Wesley works with the Technology Development Team to identify key technologies needed to achieve human exploration priorities along the pathway to the moon and to Mars.

In addition, Wesley helps the ETO develop a technology portfolio to ensure critical needs are prioritized, developed and delivered. With this once-in-a-lifetime opportunity, she will work on additional projects for her degree as assigned by her mentors.

Wesley originally wanted to be a civil engineer with NASA, but later wanted something more complex and different that would allow her to step out of her comfort zone. She found another passion in technology which made her pursue this internship.

"I have a passion for technology," Wesley said. "In today's world, everything is technology based. There's nothing you can do that does not have some form of technology attached to it. To be a part of it and help fix it, that's me. I am a fixer-upper. Call on me and I'm there to solve the problem. You can teach others, which is what the ETO does. It teaches technology and how it can help NASA with their mission."

Wesley is also excited about the one-of-a-kind networking opportunities that her internship provides, opening up even more doors for her in the future and setting her apart from the crowd.

"Another benefit of this internship is that you meet other people," Wesley said. "You don't just network with your mentors; you are networking with other people. It's a great way to segue into government work."

This networking gives Wesley options for her future that she never dreamed.

"This internship alone can open so many doors. You don't have to stick with NASA. They want you to network with government officials and I find that to be extraordinary," Wesley said. "Never in a million years would I have ever thought I would be chosen to do work with such prestigious people. I'm so excited to see where this goes for me. It's been a lifelong dream of mine."



#### Student Success: Leaving a Local Impact



**Michael Waddell** was a crucial part in crafting two aluminum palmetto trees that now adorn the new pro shop facility at the Palmetto Tennis Center in Sumter.

"It was fairly easy," Waddell said. "We came up with a design on the computer and sent it to our plasma cutting table, which cuts it out into a sheet of metal. We cut the trees in two pieces, made sure everything was smooth, welded them together and painted them."

Waddell and his classmates enjoy these projects since CCTC Welding Department

Chair Axel Reis has given them a lot of creative freedom with their class projects. "Axel encourages us to come up with our own projects as well. Currently, I'm working on a bumper for my truck. I've got it about halfway finished and plan on finishing it by summer semester," Waddell

"Axel is great at getting all the information we need together and helping us fully understand. He's a very hands-on teacher."

And while Waddell finds being in a wheelchair can make life more difficult, he

hasn't let his situation define him or his work, no matter the project. He doesn't let anything get in his way and feels included and encouraged by his instructors and classmates.

"Just telling me that I'm doing a really good job is rewarding to me because I do work hard and try my best," Waddell said.

When he completes his courses this summer, Waddell hopes to find a job in the welding industry before eventually starting his own welding business.

#### Alumni Success: Direct Pathways from CCTC

**Sherry Tolson** works for the town of Cheraw in the water and sewer industry, obtaining A-level licenses in both. She earned an associate degree from Central Carolina Technical College in Environmental Engineering Technology (EVT).

"Participating in the EVT program has been one of the highlights of my career," Tolson said. "The passion that the instructors have, particularly, Josh Castleberry, is unparalleled." Tolson learned to write Best Management Practice Plans for equipment and processes, and also learned how to prepare written arguments either for or against treatment processes.

Tolson says the online nature of the EVT program makes it obtainable for anyone. She feels this program set her up for success by specifically dealing with environmental aspects of water and wastewater treatment and laboratory analysis. Her degree allowed

her to have an immediate impact on the town of Cheraw.

"This saved our town money by not having to hire professional engineers to write these programs," Tolson said. "The added bonuses of chemistry and ecology were very helpful in my development of standard operating procedures."



#### Alumni Success: Leroy & L'Shaun Woods



**Leroy** and **L'Shaun Woods** are siblings from Lee County who both participated in CCTC's dual-enrollment program while attending Lee Central High School.

After participating in dual-enrollment classes at CCTC, Leroy decided to attend CCTC full-time after high school to earn his Associate in Arts Degree. He graduated from CCTC with cum laude honors in 2019.

Leroy then enrolled at Coker University to further his education. He hopes to attend Winthrop University's graduate program after Coker and achieve his dream of being a licensed substance abuse counselor two years sooner than anticipated due to the jump start Central Carolina provided him.

L'Shaun, Leroy's younger sister, grew up being taught to "always follow the goals you set for yourself." While attending CCTC, L'Shaun has served as secretary of Phi Theta Kappa and has been involved with the Palmetto Girls State organization. She graduated in May 2021 and plans to pursue a career as an elementary school teacher back in Lee County.

## **Recession-Proof Career Paths**

#### Are you worried about the long-term viability of your job in a recession?



f so, you're not alone. A recent study by Strada Education found that 62 percent of Americans are concerned about losing their job. Even jobs that were once considered stable, permanent options may not be a best bet in these unprecedented times.

You don't need to go into thousands of dollars in debt in order to attain a degree or certificate that can provide you with better earnings and a higher standard of living.

If you're thinking about pursuing a new career path, resilience is what you're looking for. Here are some of your best options.

#### **Computer Science**

Information technology is a broad category that encompasses a lot of different career choices. As many employers made the shift to working at home, IT workers were in more need than ever. Assisting employees with home set-up and managing company networks from afar proved to be some of the most important tasks in a remote world. While the long-term effects of remote work are yet to be seen, it's possible that the work landscape has changed for good—many employers may continue to keep a section of their workforce remote, allowing for flexible hours. That means IT workers will be even more in demand.

- Major in Computer Technology, Associate Degree in Applied Science -70 Semester Hours
- Computer Specialist Certificate -40 Semester Hours
- Cybersecurity Certificate -34 Semester Hours
- **Computer Support Specialist** 2020 median pay: \$55,510

#### **Pharmacy Technicians**

The job outlook for pharmacy technicians has trended toward growth. The projections for 2019-2029 were faster than average for other industries, at 4 percent growth rate—in 2019 there were over 422,000 workers employed as pharmacy technicians. Just because the economy slows, doesn't mean people stop getting sick or don't need medicine. You can train to become a pharmacy tech at Central Carolina Technical College, very quickly. This job can be a great springboard into other careers in the medical industry as well.

- Pharmacy Technician Certificate -31 Semester Hours
- **Pharmacy Technician** 2020 median pay: \$35,100

#### **Mechanics**

Do you enjoy working on cars in your spare time? Why not use this recession as an opportunity to turn your hobby into a career? Even though many are working at home, people still need their vehicles to get to the grocery store and doctor's appointments. And with the increase of industries like DoorDash and other food delivery services, those workers will need to have reliable sources of transportation. They will turn to auto repair shops they can trust, who employ certified mechanics. You could also seek a career as a mechanic at a dealership.

- Automotive Technology Certificate -39 Semester Hours
- Automotive Diagnostic Technology Certificate - 37 Semester Hours
- **Automotive Mechanic** 2020 median pay: \$44,050

#### Nurses

It goes without saying that hospitals need nurses. Even before the pandemic, the projected job growth for nurses was much faster than average, at 7 percent from 2019-2029. Maybe you've been thinking about getting your nursing degree for a while but haven't had the chance to make the career switch yet. Or maybe the career field you imagined you'd be in isn't the best choice at the moment. Either way, nursing is a challenging but rewarding job.

- Pre-Nursing Preparatory Certificate -30 Semester Hours
- Major in Nursing, Associate Degree in **Applied Science -** 66 Semester Hours
- Major in Nursing, Associate Degree in Applied Science, LPN to ADN Option - 66 Semester Hours
- **Registered Nurse** 2020 median pay: \$75,330

#### **Medical Record Coding**

Medical record coders organize, manage and code health information data. They use various classification systems to code and categorize patient information for insurance reimbursement purposes, for databases and registries and to maintain patients' medical and treatment histories. This is a career option that is in great demand, with a projected 8 percent growth outlook for 2019-2029. This program at CCTC is a completely online certificate program.

- Medical Record Coding Certificate -38 Semester Hours
- Inpatient Medical Coding Certificate -20 Semester Hours
- **Medical Record Coder** 2020 median pay: \$44,090

#### **PROGRAMS OF STUDY**

#### Administrative Office Technology

Information Processing (Certificate) Medical Office Administrative Assistant (Certificate) Microsoft Office Applications Specialist (Certificate)

#### **Advanced Manufacturing and Engineering Technology**

Automotive Technology (Certificate) Automotive Diagnostic Technology (Certificate)

Basic Air Conditioning and Heating (Certificate)

Advanced Air Conditioning and Heating (Certificate) Basic Machining and CNC Fundamentals (Certificate) Advanced CNC Programming

(Certificate) **Engineering Design Technology** (Associate Degree) Mechatronics Fundamentals

(Certificate) Basic Mechatronics Technology (Certificate)

Advanced Mechatronics Technology (Certificate)

Welding (Certificate) Pipe Welding (Advanced Certificate)

#### **Arts and Sciences**

Associate Degree in Arts Associate Degree in Science

Accounting (Associate Degree) Accounting Specialist (Certificate) Entrepreneurship/Small Business Management (Certificate) Human Resource Specialist (Certificate) Logistics and Supply Chain Management (Certificate) Management (Associate Degree) Marketing and Sales for Small Business (Certificate) Office Management (Certificate) Supervision and Leadership Foundations (Certificate)

#### **Computer Science**

Computer Technology (Associate Degree) Computer Specialist (Certificate) Cybersecurity (Certificate)

#### Criminal Justice & Paralegal

Police Pre-Academy Training (Certificate) Criminal Justice Technology (Associate Degree) Paralegal (Associate Degree)

#### **Early Care and Education**

Early Care and Education (Associate Degree) Early Childhood Development (Certificate) Infant and Toddler Care (Certificate) Child Care Assistant (Certificate)

#### **Environmental Engineering Technology & Natural Resources**

Environmental Engineering Technology (Associate Degree) Environmental, Health & Safety (Certificate) Wastewater Operator (Certificate) Water Operator (Certificate) Natural Resources Management (Associate Degree)

#### **Human Services**

Human Services (Associate Degree) Human Services (Certificate) Gerontology (Certificate)

#### **Nursing and Health Sciences**

Pre-Nursing Preparatory (Certificate) Nursing (ADN) (NURS) (Associate Degree) Nursing (LPN to ADN Option) (Associate Degree) Massage Therapy (Certificate) Medical Assisting (Diploma) Medical Record Coding (Certificate) Inpatient Medical Coding (Certificate) Patient Care Technician (Certificate) Pharmacy Technician (Certificate) Surgical Technology (Associate Degree)

## **Brawn to Brains**

### Skills are the future of manufacturing

ou may have heard that manufacturing jobs are a thing of the past. While it's true that old-fashioned assembly line jobs are dwindling, a new kind of manufacturing job is starved for skilled workers.

Today, more than 60 percent of manufacturing employees have at least some college education, according to a U.S Department of Commerce report. At the same time, according to the Bureau of Labor Statistics, the U.S. has 12.75 million manufacturing jobs which employs 8.5 percent of the workforce. These jobs pay 12 percent more than all others.

As a result, jobs such as skilled machinists, equipment operators, welders and technicians are vital, and entry-level jobs in advanced manufacturing can often be difficult to fill.

With automation driving modern manufacturing, the need remains for workers who can program, manage and repair devices. Employers need trained workers to fill vacancies and CCTC works with companies in the Midlands to provide them with the high quality, skilled employees they need. Businesses such as BD and Continental frequently hire CCTC graduates.

#### **Technicians**

With the Basic Machining and CNC Fundamentals certificate and the Advanced CNC Programming certificate at CCTC, students learn the skills needed to prepare for a career as a machining technician. The program teaches students the theory and safe use of hand tools, power machinery, computerized equipment and sophisticated precision inspection instruments. The basic or the advanced certificate programs can be completed in one year, including the summer semester, and many students are offered employment from a regional manufacturer before graduation.

#### **Trades**

Others jobs in demand, such as welders, require skilled workers who can perform intricate, custom work. Welders typically earn a certificate to acquire the skills they need. Welders must learn a range of techniques for welding a variety of metals. Students in the Welding program at CCTC learn how to set up, program, operate and troubleshoot automated equipment related to the welding industry. The basic certificate and advanced certificate in pipe

welding can each be completed in one year, including the summer semester.

Another career opportunity gaining traction in our service area is mechatronics. In one year, students can receive a Mechatronics Fundamentals Certificate and can qualify for entrylevel jobs in the mechatronics fields of electricity, mechanical power, hydraulics, pneumatics, and hand and power tool applications. Students can take additional courses and receive a Basic or Advanced Mechatronics Technology certificate and further increase their employability within the field. Potential careers in this field include maintenance technician, maintenance mechanic and electrical technicians. With a 10 percent growth in jobs by 2028, the average salary of an electrical technician is \$62,180.

#### Youth apprenticeship

Central Carolina offers a youth apprenticeship program that gives high school juniors and seniors the opportunity to apply class instruction in an actual workplace setting by working for an employer in a position directly related to their program of study. The program helps develop the employment skills needed to succeed in the workplace, such as interpersonal skills and teamwork, problem solving through identifying problems and implementing practical solutions, and effective communication to exchange ideas and information with others. With nine approved youth apprenticeship programs at CCTC, opportunities abound for students to receive on-the-job experience prior to entering their career.

#### **HVAC** program

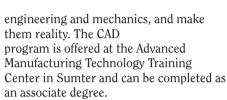
Central Carolina's Air Conditioning, Heating and Refrigeration (HVAC) Technology program will give students the skills needed to work with residential and light commercial systems, as well as assist in the start up, preventive maintenance, service, repair and installation of residential and light commercial systems.

The certificate program is offered during the day and night at the Main Campus and can be completed in three semesters. The advanced certificate is an additional three semesters. The HVAC Technology program continually produces individuals who are job ready upon completion. Many HVAC students are offered technician jobs prior to completing the program so that once they graduate, they immediately begin working in the field.

#### **Engineering Design Technology**

Do you have a creative spirit and passion for technology? These are perfect elements for a

bright future with Central's Engineering Design Technology program. Students who enjoy problem solving and design will learn to master the latest CAD software with help from industry experts in just two years. Using 2-D and 3-D modeling, students take conceptual architecture,





#### Career Outlook in CCTC area



Welder \$21.53 hourly, \$44,770 annually Projected growth (2019-2029) 3%



Machinist \$19.38 hourly, \$40,320 annually Projected growth (2019-2029) 3%



HVAC Technician \$22.63 hourly, \$47,080 annually Projected growth (2019-2029) 4%



Engineering Design Technology \$29.32 hourly, \$60,980 annually Projected growth (2019-2029) 3%

All wages are the median for 2021. All data from Bureau of Labor Statistics, South Carolina.

#### **Green Space Coming This Fall**



"We recently completed a study that determined the greatest needs for physical improvements on the campus," Vice President for Business Affairs Terry Booth said. "Our hope is that we not only serve students better, we offer a more collegiate feel with a green space for events and time spent between classes."

The green-space will be located on the Main Campus backing up to the 400 and 500 buildings. Construction on the space is scheduled to be completed later this fall.



## **Q&A** with Janna Hodge

Surgical Technology Graduate, 2019



#### What made you decide on surgical technology for a career?

I chose surgical technology because it was different. I never heard about the career and when I researched what it was about I knew that it was for me. The rush of being in the operating room and being a surgeon's right hand was something I knew was for me.



The thing I enjoyed most while being in the program was learning about all the specialties. I could never quite understand exactly how the body works and how the surgeons were about to fix it. Being able to be a part of that in surgery was so interesting.

I chose surgical technology because it was different. I never heard about the career and when I researched what it was about I knew that it was for me.

#### What did you find difficult and how did you overcome it?

The thing I found difficult was being able to learn a surgeon's wants and needs in the OR. They all have their special ways of how they want the surgery to go. It was difficult as a student and also as a new surgical tech to be able to grasp each surgeon's techniques. When I started working in the field, I carried around a notebook and I made notes so I could go home and study that surgeon so next time I was working with them I would be able to have everything they needed to perform the surgery.

**Describe your job:** Before graduating, I wanted to be a private tech for one surgeon. When I graduated I went into the main OR doing all specialties which was probably the best thing to do. I got to learn so many different techniques and to be able to create my own. I am now a private tech for an ophthalmologist working in surgery once a week and in his office 4 days a week. I am working alongside him with every patient making sure the documentation is correct and he has everything he needs for when the patient returns. On surgery days I go with him and have the OR set up for him for every case. I make sure he is handed the correct instrumentation and also make sure the sterile field stays sterile during the entire procedure.

#### What advice would you give anyone considering a career in surgical technology?

The advice I would give those who are interested in surgical technology is to take notes. Not only in class, but in the field as well. This is an amazing line of work and you get to work with some amazing surgeons. You become a family in the OR and always your number one job is to keep the patient safe. I am so grateful to be a part of the surgical technology family.



When I started working in the field, I carried around a notebook and I made notes so I could go home and study that surgeon so next time I was working with them I would be able to have everything they needed to perform the surgery.



## Surgical Technology Program to Transition to Associate Degree

tudents in the Surgical
Technology program at Central
Carolina Technical College will
soon be able to use their skills in
more ways than ever before.

Beginning in the fall 2021 semester, the Surgical Technology program within the College of Nursing and Health Sciences will offer an Associate Degree in Surgical Technology, rather than a diploma.

The goal of the program will remain the same, which is to prepare students for employment as surgical technologists. Students will also still be eligible to take the National Certified Surgical Technologist (CST) examination upon completion of their coursework.

What will change is the increased amount of opportunities that awaits students in the future.

"Our accreditation agency recommended this a few years back because of the amount of skills and technology required in the program," Brie Weber, academic program manager for Surgical Technology said. "It was just going to be easier for the students to manage. The students will have more time in a clinical setting to learn about surgery and acquire the required amount of surgical procedures to graduate."

Having an associate degree program at CCTC will provide students with additional laboratory hours, more clinical hours and

a greater level of experience by the third semester. The degree also opens up career paths for graduates.

The revised program will also offer a new sterile processing course which covers the foundational understanding of sterile processing of instruments and materials used in a surgical setting. An additional humanities and fine arts requirement has also been added to the curriculum.

Weber is excited for the timing of these changes because of the amount of jobs available in the surgical technology field. Graduates will be qualified for employment in various areas of the healthcare system including operating rooms, emergency rooms, ambulatory surgery centers and veterinary offices.

"Having the associate's degree is going to help students perform, it's going to help with retention and it's going to help them be better qualified for these jobs," Weber said.

Central Carolina students can complete their associate's degree in Surgical Technology in just five semesters, with classes offered during the fall, spring and summer sessions. For more information on the Surgical Technology program, contact Brie Weber at 803-778-7811 or weberba@cctech.edu.

# Natural Resources Management program expands options for students

entral Carolina Technical College's Natural Resources Management (NRM) program is set to offer more learning options for its students.

The program, which is designed to prepare students for a career in the management and protection of natural resources, has traditionally offered classes in an outdoor setting in Sumter. Going forward, those experiences will still be available in addition to online and hybrid classroom methods.

"We are very excited about the changes to the Natural Resources Management program," said dean of Workforce Development and the South Carolina **Environmental Training** Center Elizabeth Williams. "The new hybrid format will allow students to have more flexibility with their courses and still provide them the opportunity for hands-on learning. The 100 percent online format will be great for students who are working full-time or living in other areas of the state."



The COVID-19 pandemic has created opportunities for program expansion through various online options and formats, allowing students to complete their classes from anywhere. The hybrid format gives students a mix of both remote and hands-on learning.

Williams also said that students can take advantage of South Carolina's beautiful natural resources by visiting state parks, reserves and privately owned land.

These unique, interactive learning experiences are only available at CCTC. The visits to parks and private lands allows students to develop skills such as species identification, outdoor navigation, trail maintenance and equipment use.

Classes in the Natural Resources Management program are open for registration. For more information on enrollment, interested students can contact the Office of Admissions at 803-778-1961. For more information on the NRM program, contact Department Chair of Environmental and Natural Resources Josh Castleberry at 803-778-6601 or email at castleberryjs@cctech.edu.

# CCTC Earns Military Friendly® School Designation for Tenth Year

entral Carolina Technical College announced in February that it has earned the 2021-2022 Military Friendly® School designation in the Silver level.

Institutions earning the Military Friendly® School designation were evaluated using both public data sources and responses from a proprietary survey. More than 1,200 schools participated in the 2021-2022 survey with 747 earning the designation.

The 2021-2022 Military Friendly® Schools list will be published in the May issue of G.I. Jobs magazine and can be found at militaryfriendly.com.

Methodology, criteria and weightings were determined by Viqtory with input from the Military Friendly® Advisory Council of independent leaders in the higher education and military recruitment community. Final ratings were determined by combining the institution's survey response set and government/ agency public data sources, within a logic based scoring assessment. We measure

the institution's ability to meet thresholds for student retention, graduation, job placement, loan repayment, persistence (degree advancement or transfer) and loan default rates for all students and, specifically, for student veterans.

"We are so proud to be designated as a Military Friendly® School for the tenth consecutive year. It is an honor for the college to serve our military population," said Vice President of Student Affairs Lisa Bracken. "The college understands that balancing military life with pursuing an education can be challenging at times. In an effort to reduce challenges, we offer several services for our active duty military members, dependents and veterans. We look forward to continuing to serve our military population for many years to come."

CCTC serves approximately 400 active duty military members, dependents and veterans. To allow for greater academic flexibility for unpredictable military schedules, classes are offered in a variety of formats. Other CCTC resources include:

An Admissions Specialist at the Shaw AFB Education Center Site

A Veterans' Affairs Representative on Main Campus

A Veterans Resource Center, which offers a variety of academic and career services in an environment where active duty, dependents and veteran students can socialize with fellow military students

An active chapter of the Student Veterans of America on campus

The Veterans Upward Bound (VUB) program\*

The Military Friendly® Schools list sets the standard for higher education institutions to provide the best opportunities for veterans and their spouses. This prestigious list provides a comprehensive guide for veterans and their families using data sources from federal agencies and proprietary survey information from participating organizations.

"Military Friendly® is committed to transparency and providing consistent data driven standards in our designation process. This creates a competitive atmosphere that encourages colleges to consistently evolve and invest in

their programs," said Kayla Lopez, national director

> of Military Partnerships, Military Friendly®. "Schools who achieve designation show true commitment and dedication in their efforts. Our standards assist schools by providing a benchmark that promotes

positive educational outcomes, resources and support services that better the educational landscape and provide opportunity for the military community."

► For more information on CCTC's commitment to attracting and supporting military students, call the Shaw AFB Education Site at (803) 666-2422 or the Veterans' Affairs Representative at (803) 778-7845.

\*100 percent of the Veterans Upward Bound grant is federally funded. There is no funding provided by non-governmental sources.

#### **CCTC Foundation Scholarships**

Established in 1977, the Foundation was created to support CCTC in the development and growth of quality educational programs for area residents. The Foundation was also designed to assist in encouraging partnerships between all levels of education as well as business and industry. Such support and assistance may include student scholarships, professional development for college personnel and to build the Foundation's endowment for future generations. Since being established, the Foundation has provided more than 4,000 students with scholarships totaling more than \$2.1 million.

The CCTC Foundation scholarship application is open from January through mid-March annually. Students must have applied and been accepted to CCTC to apply for a CCTC Foundation scholarship. The minimum criteria are the student must have a minimum grade point average (GPA) of a 2.0, and the student must be enrolled in at least six credit hours. Scholarships are awarded based on funds available, donor specific criteria and Scholarship Committee review. Scholarship funds may not be used for transitional courses or transient students.

The Foundation is operated exclusively for charitable educational purposes within the meaning of Section 501 (c) 3 of the Internal Revenue Code of 1954. This Foundation is governed by a Board of Trustees separate from the Area Commission for Central Carolina Technical College and is dedicated to expanding the goals and mission of the college.

#### Foundation Scholarships:

- · Anna Lee Edwards, RN Nursing
- Barbara Wells Educational Scholarship
- Loretta Barr Memorial Scholarship
- · Carlyle Baxley Scholarship
- · Central Carolina Technical College Area Commission Scholarship
- Central Carolina Technical College Faculty and Staff Memorial Endowment
- Central Carolina Technical College Foundation
- Central Carolina Technical College Foundation Board
- Central Carolina Technical College Foundation, Project
- Central Carolina Technical College Foundation, Special
- · Central Carolina Technical College Foundation Veterans Scholarship
- · Central Carolina Technical College Nursing Scholarship · Central Carolina Technical College
- Scholarship · Charles Purdy Macdonald, Jr. Scholarship
- Cogsdill Tool Products, Inc. In Honor of Stuart Cogsdill, Founder
- Courtney Anne Bell Scholarship
- Dr. and Mrs. Milton Weinberg Memorial Weinberg, MD and Ethel H. Weinberg, RN)
- Dr. and Mrs. Wendell M. Levi Jr. Nursing Scholarship through the Tuomey Foundation in honor of Elizabeth Caulkins, RN

· Dr. and Mrs. Wendell M. Levi Jr. Nursing Scholarship through the Tuomey Foundation in honor of Fair Edmunds, RN

school

- Dr. and Mrs. Wendell M. Levi Jr. Nursing Scholarship through the Tuomey Foundation in memory of Frances Driver,
- Dr. S. Perry Davis Memorial Scholarship
- E.C. "Red" Kneece Memorial Scholarship
- Elizabeth Bastedo "Ms. B" Memorial Scholarship
- Elly's Gift Scholarship
- **Environmental Scholars Endowment**
- Evening Pilot Club of Sumter Judy H. Rorick Scholarship
- Friend's of Pearl Fryar's Topiary Garden
- Gene Boyle Brading Endowment
- Gene Haas Scholarship
- Jack Hossink Memorial Scholarship
- Jordan United Methodist Church Scholarship
- Kevin Wayne Ardis Memorial Scholarship
- Kiwanis Club of Sumter
- Lawrence Knox and Barbara Hart Knox Memorial Scholarship Endowment
- Leonard E. Blomquist Memorial
- Lions Club of Sumter
- Margie V. Brunson Scholarship
- McCov Memorial Endowment
- Meritor, Inc. Scholarship Endowment Miley Endowment
- P.E.O. Scholarship Chapter Q
- Reader Mood McClary Foundation

- Robert Marye, Sr. Memorial Scholarship
- Rosefield Endowment
- Rotary Club of Sumter
- Rotary Club of Sumter Palmetto
- Rotary Club of Sumter Sunrise
- Ruth and David Martin Scholarship
- SAFE Federal Credit Union
- Second Look Charities
- Williams Scholarship
- Sheheen, Hancock & Godwin, LLP.
- Fred R. Sheheen Memorial Scholarship
- Sumter Clarendon Lee Medical Alliance Sumter Clarendon Lee Medical Society
- Sumter Soil and Water Conservation
- Susan Witkowski Scholarship
- Thelma and Mary F. Sumter Aspiring **Nursing Scholarship**
- Tyler Russell Memorial Scholarship
- Wallis D Cone, M.D. and Margaret Dickson Cone Scholarship Endowment
- Water Environment Association of South Carolina
- Whit Wharton Memorial Endowment
- William M. Goodwin Memorial Endowment
- Underwood Fund

#### Scholarships received:

- Goodwin Memorial Endowment Scholarship (Academic Year 20219-2020)
- Gene Haas Foundation Scholarship (Academic Year 2020-2021)

## MASSAGE THERAPY

Earn a certificate in only two semesters.

Choose your work setting. Medical office, pain clinic, chiropractic office, healthcare facilities, hospital, gym, health spa, cruise ship, business owner and many more when you take the career path to Licensed Massage Therapist.

For more information on the Massage Therapy Program, career opportunities or admission requirements, call Massage Therapy Program Manager Brent Jackson at 803.778.7857 or email jacksonbf@cctech.edu





# APPLICATION CHECKLIST

Apply for Admission
Complete the FREE online
application at cctech.edu

Entrance Exemptions & Testing

Review the Titan Start Portal for information about your specific requirements.

Need help? Contact your assigned Admissions Counselor.

**Advisement & Registration** 

Meet with your Admissions Counselor and register for your first semester classes.

**Apply for Financial Aid** 

Apply for Financial Aid online at www.fafsa.ed.gov and submit your official final high school transcript or GED transcript.

**New Student Orientation** 

Attend New Student Orientation to learn more about student services, first semester activities and how to become a successful student.



## CAMPUS LOCATIONS & HOURS

#### **Main Campus**

506 North Guignard Drive, Sumter, SC 29150 Monday through Friday: 7:30 a.m. - 4:30 p.m.

#### **Advanced Manufacturing Technology Training Center**

853 Broad Street, Sumter SC 29150 Operating hours may vary.

#### F.E. DuBose Campus

US Hwy 521, Manning, SC 29102 Monday through Thursday: 9 a.m. – 4 p.m. Friday: Closed

#### **Health Sciences Center**

133 South Main Street, Sumter, SC 29150 Monday through Thursday: 7:30 a.m. – 8:30 p.m. Friday: 7:30 a.m. – 4:30 p.m.

#### **Kershaw County Campus**

90 Campus Drive, Fred R. Sheheen Center for Excellence, Camden, SC 29020 Monday through Thursday: 8 a.m. – 5 p.m. Friday: 8 a.m. – 4:30 p.m.

#### **Lee County Site**

200 North Main Street, Bishopville, SC 29010 Monday through Thursday: 8 a.m. – 4:30 p.m. Friday: Closed

#### **Shaw Air Force Base Education Center Site**

398 Shaw Drive, Building 501, Shaw Air Force Base, Sumter, SC 29152

Monday: 8 a.m. – 4 p.m.

Tuesday: 8 a.m. – 4 p.m.

Wednesday: 8 a.m. – 4 p.m.

Thursday: 9 a.m. – 2 p.m.

Friday: 9 a.m. – 1 p.m.

#### **Shaw Center**

2140 Peach Orchard Road, Sumter, SC 29154 Operating hours may vary.

